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Terra virtual machine Nexus

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 T Garlinkel, B Pfaff, J Chow, M Rosenblum, D Boneh - [portal.acm.org](#)

 Page 1. **Terra: A Virtual Machine-Based Platform for Trusted Computing ... 2. TERRA**

 ARCHITECTURE At the heart of **Terra** is a **virtual machine** monitor (VMM). ...

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Nexus: a new operating system for trustworthy computing- *[cornell.edu](#) (PDF)

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 ... each application requires a full-blown **virtual machine**, this approach ... **Terra** executes

 drivers at high privilege, so its TCB is larger than that of **Nexus**. ...

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... Palladium is said to have a high-assurance trusted microkernel running on hardware

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 ... The **Nexus** provides a very general interface by which ap- plications direct the kernel

 to create a protected memory ... **Terra: A Virtual Machine-Based Platform ...**

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 ... The **Nexus** may be implemented, for example, by combining a **virtual-machine**

hypervisor with a trusted guest operating system [10,15]. ...

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 ... An alternative **Nexus** ensures the privacy of the user par- ticularly in the context

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 ... trusted microkernel running on hardware (called the **nexus**) that provides ... Pfaff, J.

 Chow, M. Rosenblum, and D. Boneh; **Terra: A virtual machine-based platform ...**

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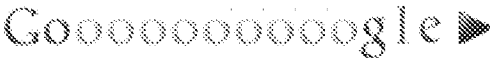
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... In this system, **NEXUS** in NGSCB supports it. ... **Terra: A Virtual Machine** Based Platform for Trusted Computing, SOSP'03, Bolton Landing, New York, USA. ...

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